

Listing of Claims:

1. (Currently Amended) An optoelectronic component with, comprising:
an epitaxial semiconductor layer sequence having an active zone that
emits electromagnetic radiation[[],]; and
at least one electrical contact region having a bonding pad and at least one
radiation-transmissive electrical contact layer, which contains ZnO and is
electrically conductively connected to an outer semiconductor layer, wherein a
surface of said contact layer which is disposed facing away from said outer
semiconductor layer is completely or partially free of said bonding pad; and
a watertight material applied to wherever said surface of the contact layer
is free of said bonding pad so as to protect the contact layer from moisture is
~~provided with watertight material in such a way that it is adequately protected~~
~~against moisture.~~

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The optoelectronic component according to claim 1, wherein the
watertight material is a dielectric that is transparent to ~~an~~ electromagnetic radiation emitted by
the optoelectronic component.

5. (Original) The optoelectronic component according to claim 4, wherein the dielectric comprises one or more of the substances Si_xN_y , SiO , SiO_2 , Al_2O_3 and SiO_xN_y .

6. (Currently Amended) The optoelectronic component according to claim 1, wherein ~~the~~ a refractive index of the watertight material is less than the refractive index of the contact layer and it is adapted to minimize to the greatest possible extent ~~in particular for a minimization of~~ reflections of ~~the~~ radiation emitted by the optoelectronic component at interfaces with respect to the watertight material.

7. (Currently Amended) The optoelectronic component according to claim 1, wherein the contact layer has a thickness corresponding to about an integer multiple of half ~~the~~ a wavelength of a radiation emitted by the optoelectronic component, and the watertight material has a thickness corresponding to about a quarter of said wavelength.

8. (Currently Amended) The optoelectronic component according to claim 1, wherein ~~the~~ a thickness of the watertight material is about 50 to 200 nm, inclusive including the limits.